Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

| | Discharge volume (cfs) ² | Water temperature (°C) | Water turbidity (NTU) | Estimated passage | | | | |
|-----------------------------|-------------------------------------------|------------------------------|-----------------------------|-------------------|-----------------------------|-----------------|----------------|----------------|
| Date | | | | BY07 Fall | BY08 Late-fall ¹ | BY07 Winter | BY07 Spring | BY08 Steelhead |
| 3/24/08 | 5,320 | 12.4 | 1.9 | 2,407 (31 – 68) | 0(-) | 0(-) | 42 (72 – 77) | 0(-) |
| 3/25/08 | 5,210 | 12.3 | 1.8 | 1,192 (32 – 69) | 0 (-) | 0(-) | 0(-) | 0(-) |
| 3/26/08 | 5,280 | 10.9 | 1.7 | 1,189(34-57) | 0 (-) | 22 (131) | 22 (73) | 0(-) |
| 3/27/08 | 5,340 | 10.7 | 1.8 | 1,449(34-67) | 0(-) | 0(-) | 0(-) | 0(-) |
| 3/28/08 | 5,260 | 10.4 | 1.9 | 1,000(33-68) | 0(-) | 0(-) | 0(-) | 0(-) |
| 3/29/08 | 5,360 | 10.7 | 1.6 | 681(35-70) | 0(-) | 21 (123) | 0(-) | 0(-) |
| 3/30/08 | 5,380 | 10.6 | 1.4 | 1,181 (35 – 72) | 0 (-) | 0(-) | 75 (74 – 76) | 0(-) |
| 3/31/08 | 5,850 | 11.0 | 1.6 | 2,088(32-73) | 0 (-) | 24 (108) | 385 (75 – 99) | 0(-) |
| 4/1/08 | 5,730 | 11.4 | 2.6 | 1,683 (34 – 74) | 23 (33) | 23 (108) | 70 (76 – 97) | 0(-) |
| 4/2/08 | 5,730 | 12.2 | 1.6 | 1,658 (35 – 73) | 70 (33 – 34) | 93 (102 – 113) | 467 (75 – 101) | 0(-) |
| 4/3/08 | 5,710 | 12.4 | 2.6 | 1,335(36-75) | 69 (33 – 34) | 161 (103 – 132) | 230 (78 – 92) | 0(-) |
| 4/4/08 | 5,510 | 12.2 | 1.7 | 1,203 (35 – 75) | 92 (33 – 34) | 70 (128 – 149) | 231 (76 – 94) | 0(-) |
| 4/5/08 | 5,730 | 11.8 | 2.5 | 1,229(35-75) | 25 (34) | 50 (112 – 114) | 100 (78 – 82) | 0(-) |
| 4/6/08 | 6,640 | 11.5 | 2.1 | 1,573 (35 – 76) | 101(32-34) | 78 (111 – 128) | 362 (78 – 91) | 25 (43) |
| Biweekly total ³ | | 19,868 | 380 | 542 | 1,984 | 25 | | |
| Brood-year to | Brood-year total | | | 10,225,832 | 380 | 1,511,177 | 353,841 | 1,281 |

¹Brood year 2008 began on 4/01/08 according to length-at-date criteria (Greene 1992); brood year 2007 total was estimated at 526,454.

² Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd).

³ Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we used a mean daily passage from the sample immediately preceding and following the un-sampled day. When consecutive days were not sampled, we calculated a mean daily passage using the same number of samples immediately preceding and following the un-sampled period (e.g., if three consecutive days were not sampled, we calculated a mean daily passage for each day using the three samples immediately preceding and following the un-sampled period).